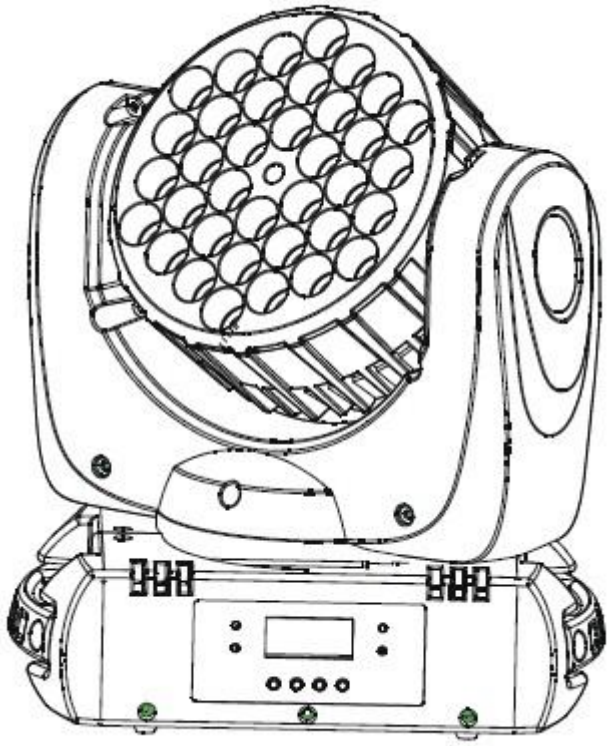
*36*5W MOVING HEAD WASH*
USER MANUAL



KEEP THIS MANUAL FOR FUTURE NEEDS

Features:Technical Specification

◇ Extremely small, fast and powerful LED moving beam.

◇ DMX Channels: 15

◇ Pan/Tilt: 540° /240° , speed adjustable

◇ Smooth electronic dimming: 0-100%

◇ Electronic strobe with pulse and random effects

◇ High efficiency, low power consumption

◇ Super compact, low weight

Voltage: 100V~240V, 50/60Hz

Fuse: T 4A

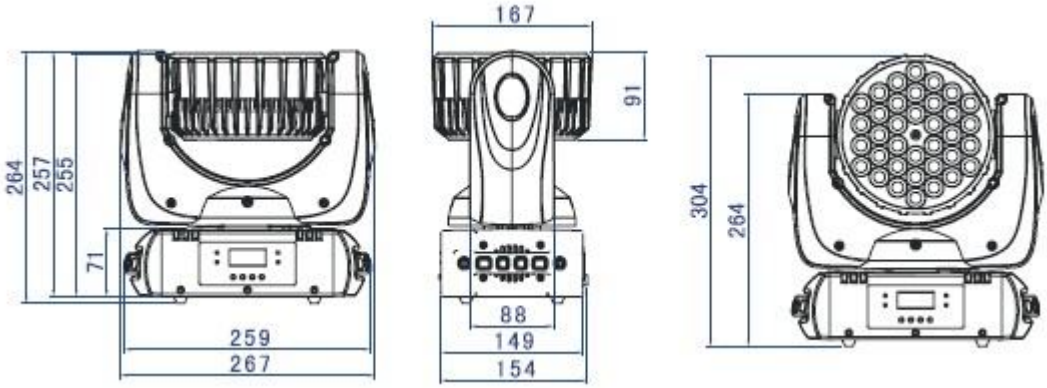
Power consumption: 200W

Light source: 5W LED x 36 (R8, G10, B10,W8)

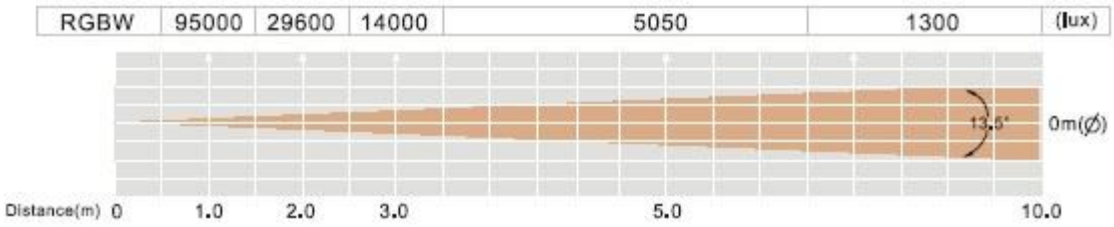
Dimension: 304X267X167 mm

Weight: 5.7 kg

Dimension:



Photometric diagram:



Control panel

Display

To show the various menus and the selected functions

LED

DMX	On	DMX input present
MASTER	On	Master Mode
SLAVE	On	Slave Mode
SOUND	Flashing	Sound activation

Button

MENU	To select the programming functions
DOWN	To go backward in the selected functions
UP	To go forward in the selected functions
ENTER	To confirm the selected functions

Mains input

Connect to power supply.

Mains output

Connect to supply power to the next unit.

DMX input/output

For DMX512 link, use 3/5-pin XLR cable to link the unit together.

Main Function

To select any of the given functions, press the **MENU** button up to when the required one is showing on the display. Select the function by **ENTER** button and the display will blink. Use **DOWN** and **UP** button to change the mode. Once the required mode has been selected, press the **ENTER** button to setup, to go back to the functions without any change press the **MENU** button again. Hold and press the **MENU** button about one second or wait for one minute to exit the menu mode.

The main functions are showing below:

To access display Menu via the internal battery, press the UP& DOWN buttons simultaneously.
Display will automatically switch off after about 10 seconds from last button press.

LCD DISPLAY MENU			
DMX Address 1	DMX Address =001		
Auto Play 2	Inside Program	.=Alone	
		.=Master	
	Music Control	.=Alone	
		.=Master	
	Slave Control	Slave Run	
Reset 3	.=OFF		
	.=ON		
Reverse Pan 4	.=OFF		
	.=ON		
Reverse Tilt 5	.=OFF		
	.=ON		
Mic Sensitivity 6	.=000%-100%		
Special 7	Reset Default 1	.=OFF	
		.=ON	
	Calibration 2	Code	Code =000
		PAN	PAN =000
		TILT	TILT =000
		Red	Red =000
		Green	Green =000
		Blue	Blue =000
		White	White =000
		Focus	Focus =000
	Temperature 3	Temperature	
		=000C	
	Manual Control 4	PAN	PAN =000
		PAN-Fine	PAN-Fine =000
		TILT	TILT =000
		TILT-Fine	TILT-Fine =000
		Move Speed	Move Speed =000
		Dimmer	Dimmer =000
		Strobe	Strobe =000
		Red	Red =000
		Green	Green =000
		Blue	Blue =000
		White	White =000
		Focus	Focus =000

LCD DISPLAY MENU

Edit Use Program 8	Program 01	Setup Steps	Setup= ***	01..16
		Scenes 01	PAN	000-255
			PAN-Fine	000-255
			TILT	000-255
			TILT-Fine	000-255
			Move Speed	000-255
			Dimmer	000-255
			Strobe	000-255
			Red	000-255
			Green	000-255
			Blue	000-255
			White	000-255
			Focus	000-255
			Scene Time=00.0s	
		Scenes 02…16		
	Program 02			
	Program 03			
	Program 04			
	Program 05			
	Program 06			
	Program 07			
	Program 08			
Version 9	V1.0			

Function Mode

DMX address setting

With this function, you can adjust the desired DMX-address via the Control Board.

Select via the encoder.

Press the encoder, adjust the DMX address by turning the encoder.

Press the encoder to confirm.

Press the Mode/Esc-button in order return to the main menu.

Set DMX address

Display the DMX 512 value of each channel

With this function you can display the DMX 512 value of each channel. The display automatically shows the channel with a value changing.

Slave setting

With this function, you can define the device as slave.

Auto Play

With this function, you can run the Inside program. Music control,Slave control and Mic Sensitivity.

[Inside program]With this function,you can run the internal program.

[Music control]With this function, you can run sound-controlled.

[Slave control]With this function, you can define the device as slave.

Reset

With this function, you can reset the device via the Control Board.You can select the different reset function by turning the encoder.

Pan Reverse

With this function you can reverse the Pan-movement.

Tilt Reverse

With this function you can reverse the Tilt-movement.

Fan Control

With this function, you can set the speed of the running fans. The selections have Auto,Low,Mid and high .

Special Setting

[Factory Reset]

With this function, you can select restore factory set for ON or OFF, the default is OFF.

[Calibrate values]

With this function, you can calibrate and adjust the effect wheels to their correct positions.

The password of calibrate values is 018.

[Temperature]

With this function, Display the temperature for Celsius or Fahrenheit.

[Manual Control]

With this function, user can control the function by manual.

Edit program

With this function,you can run the internal program. You can select the desired program under “Select program”. You can set the number of steps under “Edit program”. You can edit the individual scenes under “Edit scenes”. With this function, you can run the individual scenes by Channel 15.

Temp. Info.

Head Temp

With this function you can display the temperature on the display board of the base (near CMY-filter)in Celsius.

No DMX Status

With this function, when the drive is not DMX signal, the display will be flashing.

Lamp adjustment

With this function, you can adjust the lamp more easily. All effects will be canceled, the shutter opens and the dimmer intensity will be set to 100 %.With the individual functions, you can focus the light on a flat surface (wall) and erform the fine lamp adjustment.

Users Mode

With this function, you can create user defined channel orders.

User mode set

In this menu, user can select different channels list by different sequence:
For example, after the user enter this manual, if select Auto Program = CH 22, means in this User s mode, the Dimmer is in Channel 15.

Channel	***DMX Value***	***Function***
1	*000 - 255*	*X*
2	*000 - 255*	*X Fine*
3	*000 - 255*	*Y*
4	*000 - 255*	*Y Fine*
5	*000 - 255*	*XY Speed from Max to Min*
6	*000 - 255*	*Dimmer (0 ~ 100%)*
7	*000 - 009*	*Strobe (Close)*
	010 - 250	*Strobe effect slow to fast*
	251 - 255	*Strobe (Open)*
8	*000 - 255*	*Red (0 ~ 100%)*
9	*000 - 255*	*Green (0 ~ 100%)*
10	*000 - 255*	*Blue (0 ~ 100%)*
11	*000 - 255*	*White (0 ~ 100%)*
12	*000 - 255*	*Color Temp*
Channel	***DMX Value***	***Function***
13	*000 - 010*	*MacroColorStep (Disable)*
	011 - 020	*R*
	021 - 030	*G*
	031 - 040	*B*

	041 - 050	*W*
	051 - 060	*R+G*
	061 - 070	*G+B*
	071 - 080	*B+W*
	081 - 090	*R+B*
	091 - 100	*G+W*
	101 - 110	*R+W*
	111 - 120	*R+G+B*
	121 - 130	*R+G+W*
	131 - 140	*G+B+W*
	141 - 150	*R+G+B+W*
	151 - 255	*Jump from slow to fast*
	000 - 010	*MacroColorLine (Disable)*
14	*011 - 255*	*Slow from slow to fast*
	000 - 020	*Empty*
	021 - 040	*Internal program 1*
	041 - 060	*Internal program 2*
	061 - 080	*Internal program 3*
	081 - 100	*Internal program 4*
	101 - 120	*Internal program 5*
	121 - 140	*Internal program 6*
	141 - 160	*Internal program 7*
	161 - 180	*Internal program 8*
	181 - 200	*Empty*
	201 - 225	*Motor Reset*
15	*226 - 255*	*Empty*